

# BROAD STREET RAPID TRANSIT STUDY

Alternatives Analysis / Environmental Assessment

Presentation to Commonwealth  
Transportation Board

Project Overview  
Purpose and Need  
Initial Alternatives  
Public and Agency Outreach  
Next Steps



Alternatives Analysis and Environmental Assessment focusing on 7-  
tion of Broad Street between Willow Grove and Rocketts Land

**Highest volume** corridor in GRTC network

Broad Street BRT recommended by **three significant recent studies**

- GRTC Comprehensive Operations Analysis (GRTC, 2008)
- Richmond Regional Mass Transit Study (DRPT and Richmond Regional MPO, 2008)
- City of Richmond Downtown Master Plan (City of Richmond, 2008)

dy required for federal funding through FTA's **Small Starts Pro**





# Purpose

Identify a package of improvements that will provide **rapid, reliable transit service** to increase overall mobility and serve existing patterns of **transit-oriented development** and development in the corridor





# Need

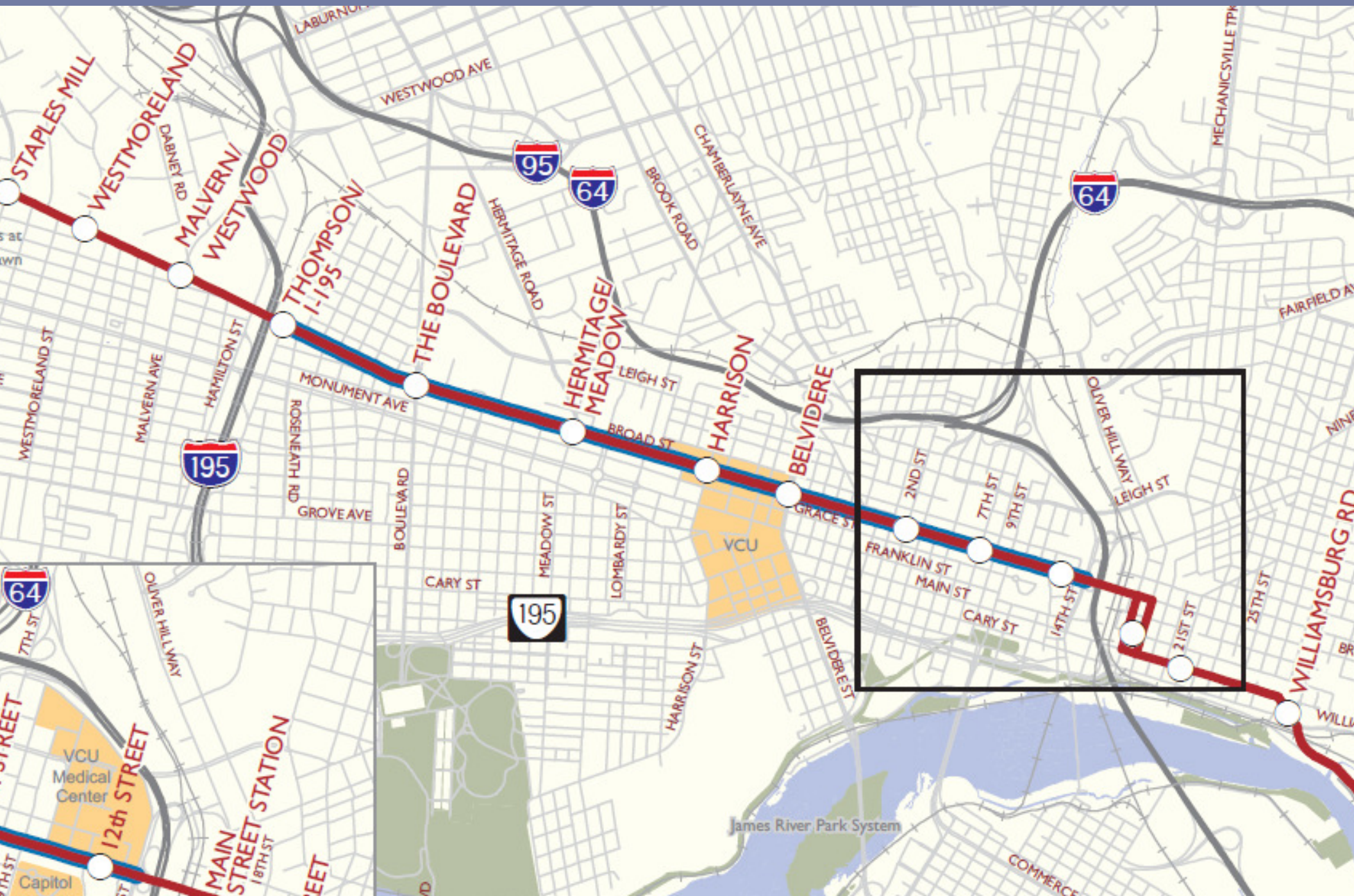
- ❑ To improve **local** and **regional** mobility
- ❑ To support **livable, transit-oriented** development
- ❑ To provide **attractive transportation choices**
- ❑ To enhance the **environment**



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No-Build Alternative	Baseline Alternative	Build Alternative	
Built Alternative 1	Built Alternative 2		
n/a	7.6		
0.75	0.75	3.4	
Existing Local Stops	16		
n/a	10/15		
Weekdays: 5:30 AM – 11:30 PM Weekends: 6:00 AM – 11:30 PM			
None	Comprehensive Operations Analysis Phase I and II Recommendations		
On-Board (Cash, Go Cards)		Off-Board Proof of Purchase	
Existing GRTC Vehicles		Dedicated BRT Vehicles	
Existing Traffic Control Systems	Signal Priority at Intersections along Bus Lanes		
None	Stations Only	Stations, Vehicles, Guideway, and Marketing	

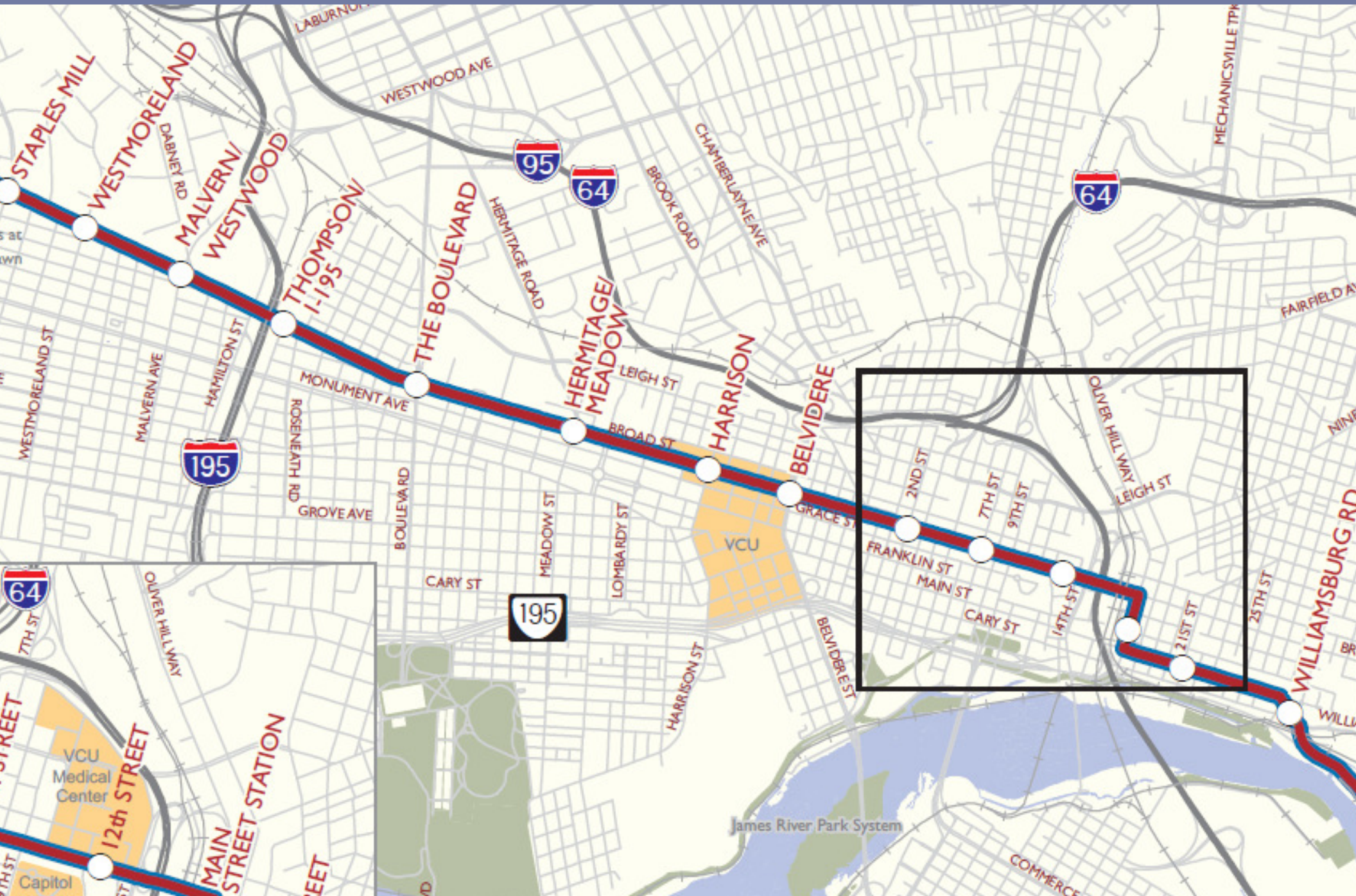






# STREET

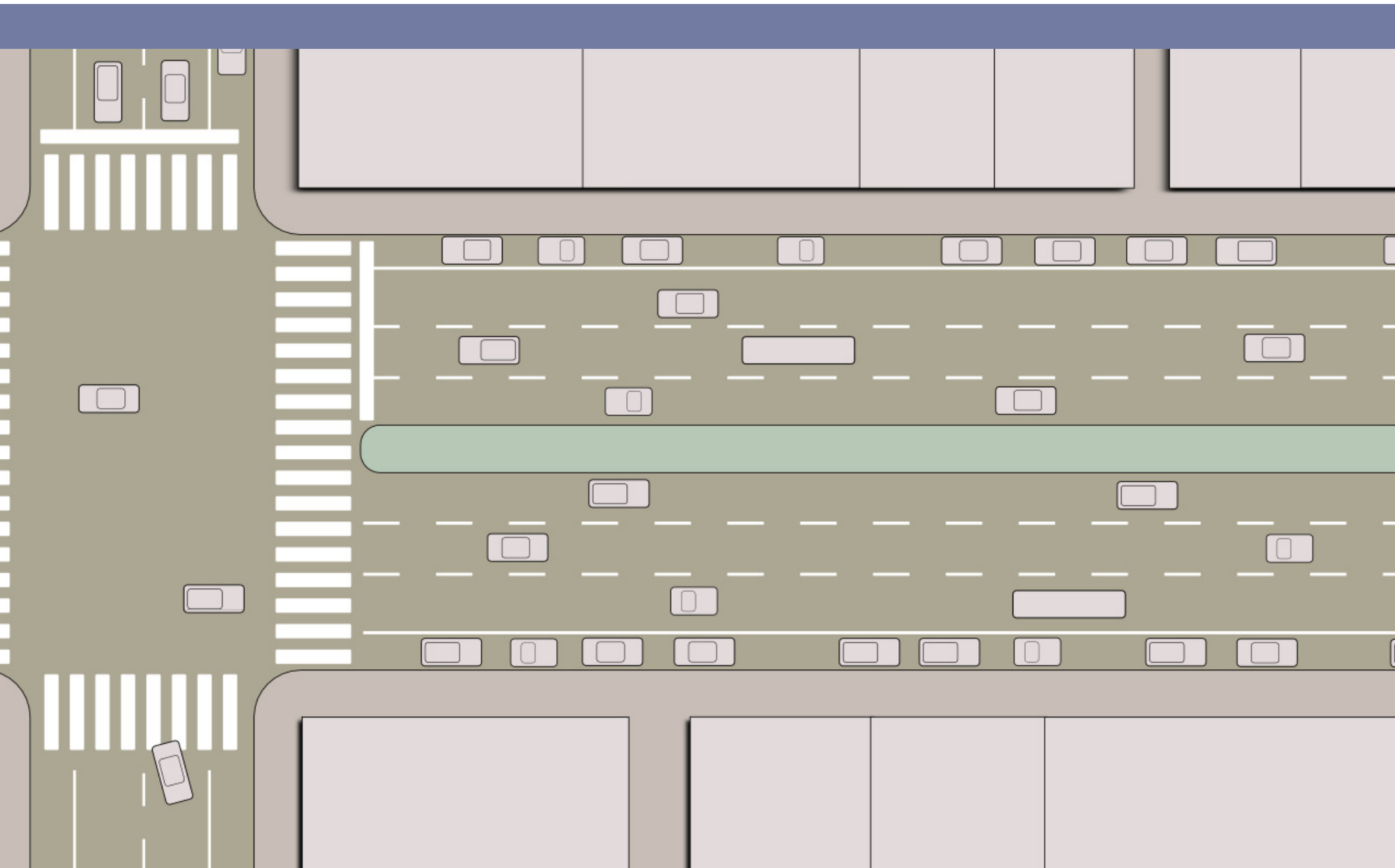
# Build Alternative





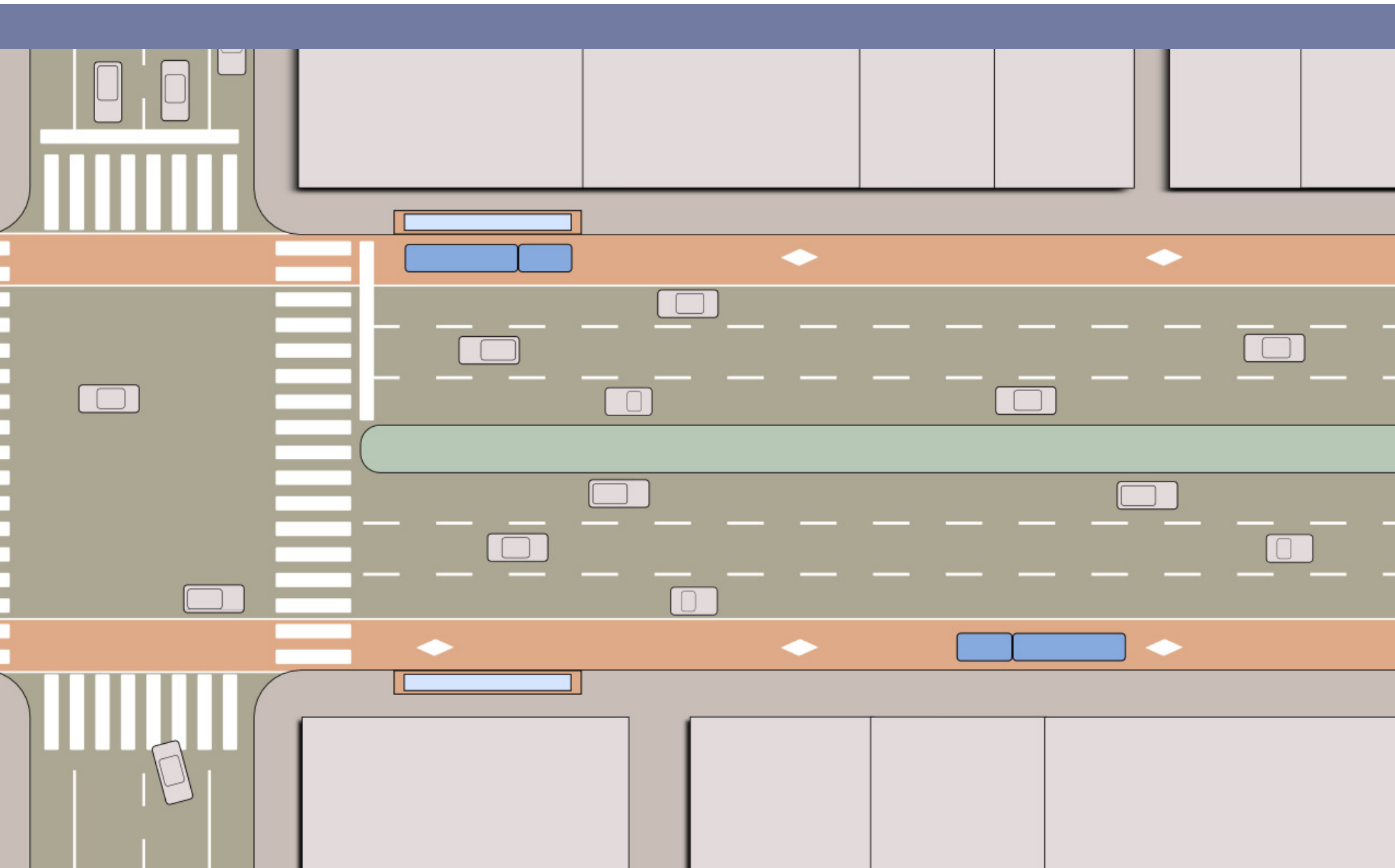
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Existing Conditions



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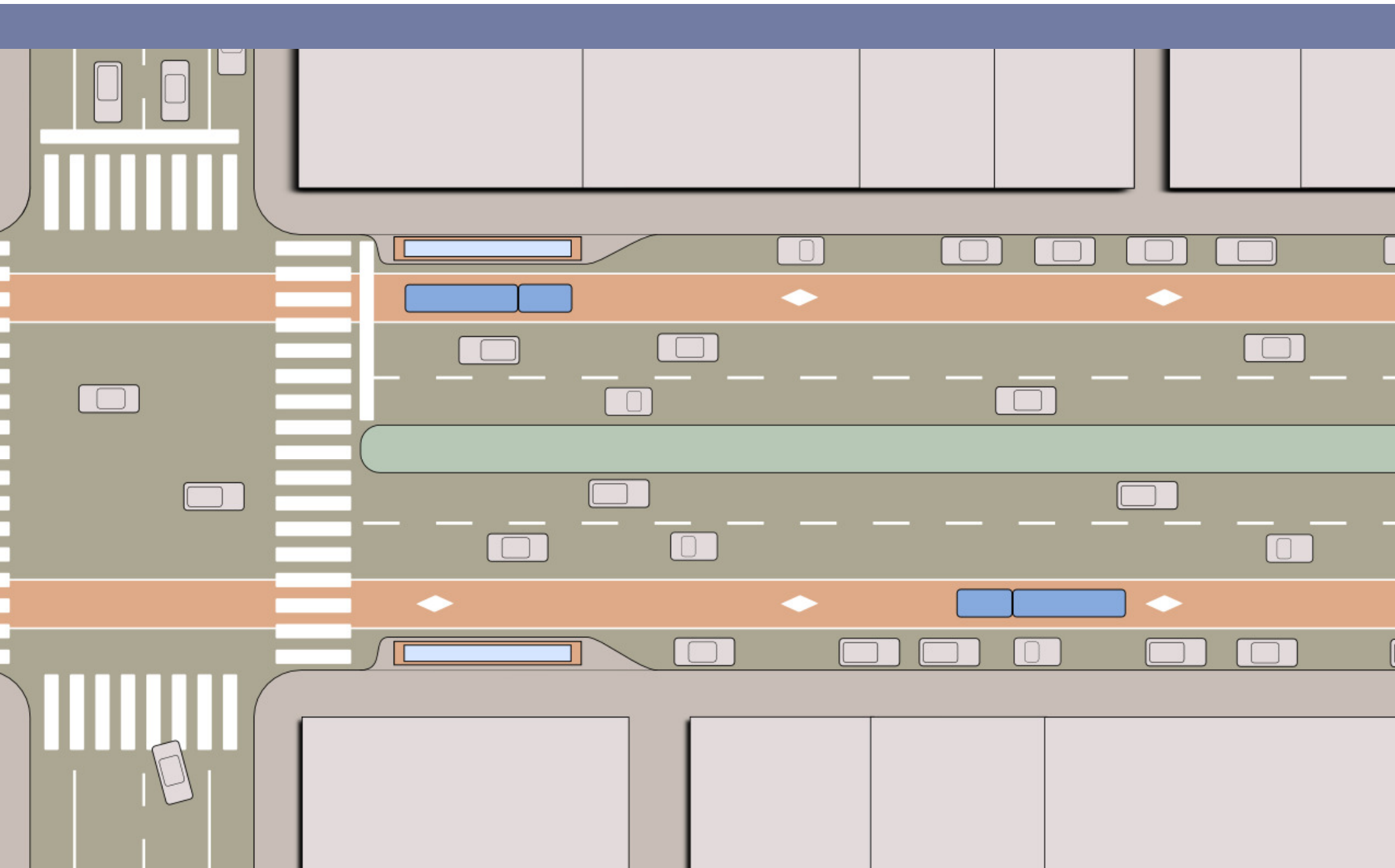
Curb Lane





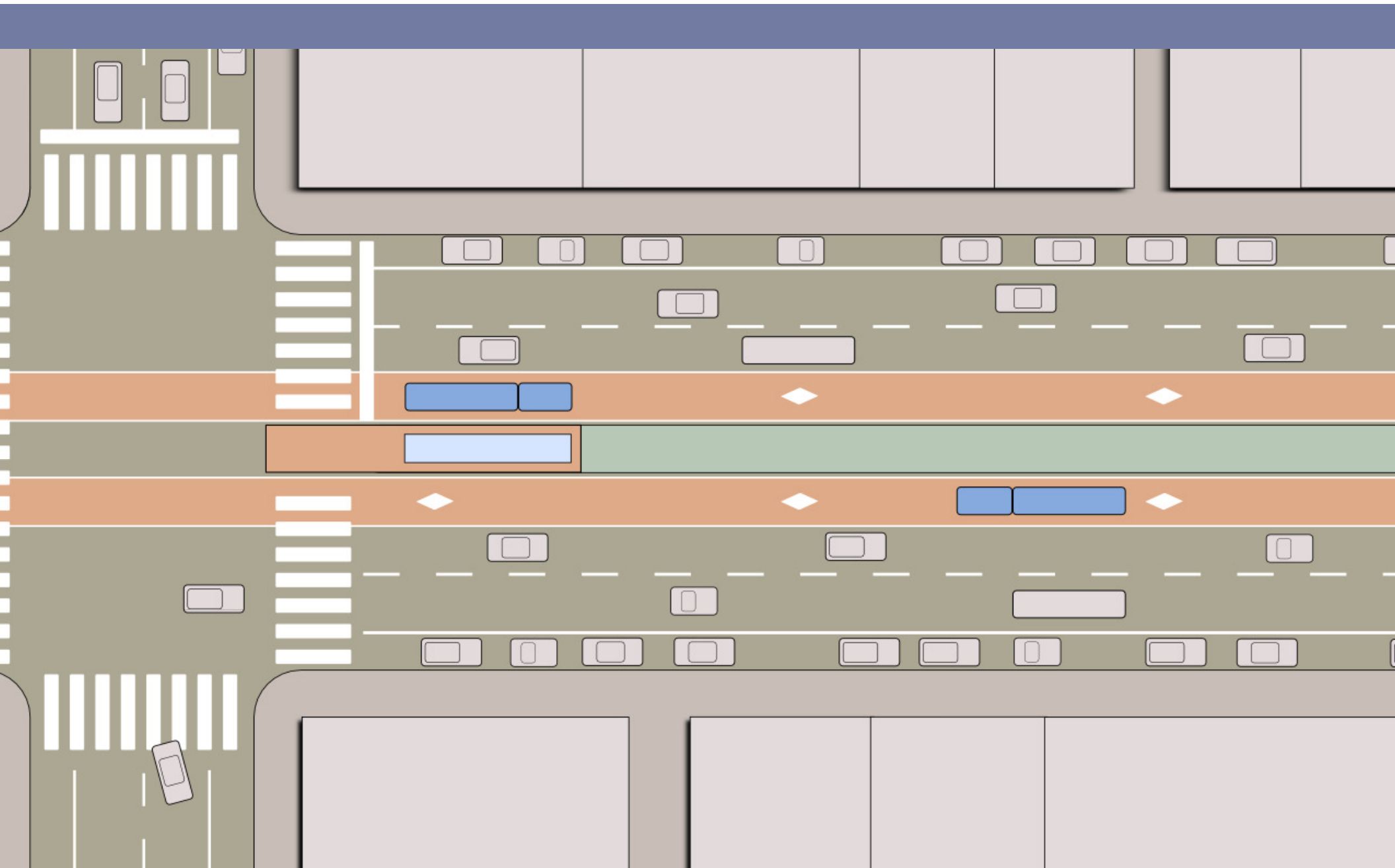
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Curb Lane w/ Parking



STREET

Median Lane





## Technical Advisory Committee (TAC) and Policy Advisory Committee (PAC)

Comprised of representatives of interested  
agencies and organizations

Meetings in October, January and February;  
coordination ongoing

## Public Meetings February 24<sup>th</sup> and 25<sup>th</sup>

Introduce to the study process

Present the Purpose and Need

Explain components of BRT

Describe initial alternatives



## Initial Screening of Alternatives

- ▣ Utilizing recently completed Evaluation Methodology
- ▣ Incorporating TAC, PAC and public input

## Detailed Definition of Alternatives

- ▣ Refines alternative concepts retained during initial screening
- ▣ Needed for detailed study of traffic conditions and environmental impacts



- Thank you
- Discussion and Questions